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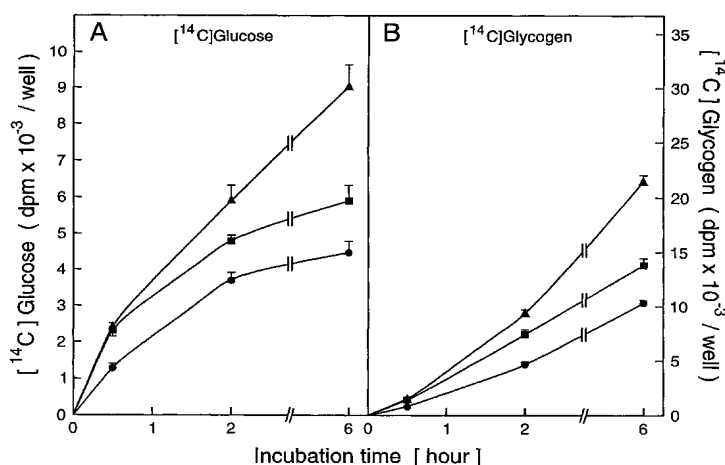
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(54) Title: METHOD FOR IMPROVING INSULIN SENSITIVITY BY ADMINISTERING AN INHIBITOR OF ANTITRYPSIN



(57) Abstract: Methods of delaying the onset or treating the progression of Type 2 diabetes in subjects that have increased blood levels of an inflammation marker protein. In one embodiment, the method includes administering an inhibitor of α_1 -antitrypsin (AT) to the subject, and optionally co-administering an anti-diabetic medicament or anti-inflammatory agent to the subject. Treatment regimens provided by the invention may be used to delay the onset of or to control Type 2 diabetes. The invention provides for the use of an inhibitor of α_1 -antitrypsin, such as gemfibrozil (GF), for the manufacture of a medicament for the uses described herein. The invention further provides combinations of agents for treating or delaying the progression or onset of diabetes, comprising an inhibitor of α_1 -antitrypsin and an anti-inflammatory agent and/or an anti-diabetic medicament.

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